

**Minutes**  
**MCRWASA Board of Directors Regular Meeting**  
**July 26, 2018**

The Martin County Regional Water and Sewer Authority (MCRWASA) Board of Directors met for its Regular Meeting on Thursday, July 26, 2018 at 3:00 p.m. in the MCRWASA Water Treatment Plant Building, 1001 Park Street, Williamston, NC.

**ASSEMBLY**

Members present: Chairman David Bone, Vice Chairman Al Chesson, Board Director Stacy Stalls, Board Director William Coffield (alternate), Board Director Tommy Bowen (alternate) and Secretary Marion Thompson.

Treasurer/Deputy Secretary Cindy Ange and Board Director Julius Patrick were not in attendance.

Others present: Martin County: Commissioner Dempsey Bond, Jr. and Deputy Secretary Jessica Godard; Town of Williamston: Town Clerk/Deputy Secretary Christina Craft and Water System Operator Gary Barmer; SUEZ: Project Manager Joe Thaxton and Senior O & M Technician Eddie Bristow.

Chairman Bone called the meeting to order at 3:00 p.m.

**AGENDA APPROVAL**

Vice Chairman Chesson made a MOTION to approve the agenda, with a SECOND by Director Stalls. The Board APPROVED the motion unanimously.

**APPROVAL OF MINUTES – June 28, 2018 Regular Session**

Director Stalls made a MOTION to approve the minutes as presented, with a SECOND by Director Chesson. The Board APPROVED the motion unanimously.

**PUBLIC COMMENTS – None**

**BUSINESS ITEMS**

**Installation of New Board Member, Stacy Stalls**

Chairman Bone reported that the new Board Member, Mr. Stacy Stalls, was sworn in as a Board Member prior to the beginning of the meeting. Mr. Stalls was appointed to the MCRWASA Board in the place of Mr. Hilton Keel, who resigned.

## **Installation of New Board Member (Alternate), William Coffield**

Chairman Bone reported that the new alternate Board Member, Mr. William Coffield, was sworn in as a Board Member prior to the beginning of the meeting. Mr. Coffield was appointed to the MCRWASA Board as an Alternate MCRWASA Board Member in the place of Mr. Junious Horton, who resigned.

## **Annual Board Officer Elections**

Chairman Bone stated the MCRWASA By-Laws require the annual elections of Board Officers in the month of July. The following officers were up for election: Chairman, Vice-Chairman, Secretary, Treasurer and Deputy Secretary.

Director Chesson MOTIONED to continue with the current slate of officers: Chairman, Mr. David Bone; Vice Chairman, Mr. Al Chesson; Secretary, Ms. Christina Craft; Treasurer, Ms. Cindy Ange, and Deputy Secretary, Ms. Jessica Godard. Director Stalls SECONDED the motion. The motion was unanimously APPROVED.

## **Update on MCRWASA Well #1**

Chairman Bone stated turbidity was discussed at the last meeting. Martin County Water District Manager Ed Warren stated at the June 28<sup>th</sup> meeting that he would be willing to use MCRWASA Well #1 to serve Martin County Water District #1, if the turbidity level tested consistently at 5 NTU or less. The Board requested that the SUEZ test the turbidity at 40 – 45 minutes. Turbidity readings were taken on July 3, 2018 and were as follows:

<u>Time Intervals</u>	<u>Turbidity</u>
30 minutes	5.65 NTU's
40 minutes	4.76 NTU's
45 minutes	5.51 NTU's
50 minutes	4.16 NTU's

Project Manager Thaxton stated Ed Warren recommended that the turbidity reading of 5 or below. Project Manager Thaxton stated the pump was capable of 250 GPM. The flow was at 400 but was reduced to 290 to allow for longer run times and to reduce disturbance in the aquifer. An orifice plate was installed after the pump but before the expansion. Project Manager Thaxton explained this would allow the orifice plate size changes to allow flexibility for the full potential of the well, if needed. The orifice plate maintains a 160 psi back pressure at all times. Project Manager Thaxton stated it would be a combination of developing the well at five times the normal flow for a long period of time, allowing the well time to rest and reducing the startup flow when put back in service, which has brought the turbidity level within normal limits. Project Manager Thaxton recommended the addition of a turbidity analyzer to protect the water quality and enable continuous monitoring. A turbidity analyzer could be operated remotely and would be connected to the SCADA system for tracking purposes. If the turbidity level increased above the 5 NTU, the analyzer could be programmed to automatically switch to the Hassell Well in emergency situations. Project Manager Thaxton had not heard from Water District Manager

Warren regarding the reactivation of the Oak City Well. The current plan of installing a turbidity analyzer would provide long-term monitoring, and the Hassell Well could be used in case of increased turbidity levels.

### **Suez Change Order #17 – Well Turbidity**

Project Manager Joe Thaxton stated the quote was for a used turbidity monitor, which would be connected to the SCADA system for tracking purposes. SUEZ had received quotes for adding a turbidity analyzer to the well to control the online time to add or reduce flushing time, based on turbidity setup and tank levels. SUEZ has a HACH 1720D base unit that SUEZ would provide. Project Manager Thaxton noted the 1720E unit was obsolete and if the project worked, MCRWASA would need to replace it with the new TU5 unit, when it failed. SUEZ requested approval for the turbidity equipment for the well system in the amount of \$10,147.50.

The SC200 HACH equipment used would be purchased from HACH, with the SUEZ discount. Project Manager Thaxton stated the 1720D would be provided at no additional cost and plugged into the SC200. Micro-Comm and Custom Controls worked together to build the interface at the beginning of the project. Custom Controls, who originally installed the SCADA system, has an annual contract. Micro-Comm services the Town of Williamston and Martin County system. There is a Micro-Comm processor at the well. Custom Controls would connect to the Micro-Comm processor. Micro-Comm would transmit that data to the Micro-Comm processor at Bailey Road and MCRWASA Programmable Logic Controller (PLC). Custom Controls would add another register to enable the data transfer remotely. The entire process should take less than 4 days, once parts were on hand and depending on operations of the facility. If this worked, the well would be put back into service.

Change Order #17 consisted of:

- Custom Controls \$ 5,625.00
- Micro-Comm \$ 800.00
- HACH Equipment \$ 2,000.00
- Contingency funds \$ 800.00
- 10 % Mark-up by contract \$ 922.50

Change Order #17 totaled \$ 10,147.50

Vice Chairman Chesson made the MOTION to approve Change Order #17, with a SECOND by Director Bowen. The Board APPROVED the motion unanimously.

## **INFORMATIONAL UPDATES**

### **Temporary Adjustment to Chlorine Disinfectant in Water Treatment**

Project Manager Thaxton stated Water District Manager Warren had requested a two-week extension to run free chlorine. Water System Operator Barmer stated Water District Manager requested a two-week extension to perform extended flushing. Water System Operator reported

the Town of Williamston continued to flush weekly to move the free chlorine through the system. With the two week extension, Project Manager Thaxton stated he planned to flush in order to clean out from Bailey Rd. to Ed's Grocery Rd. The County should complete the flushing by August 13, 2018, and Project Manager Thaxton was to coordinate with County Clerk Thompson and the Town of Williamston to publish the extended use of free chlorine.

### **Update of the Emergency Response Plan**

Project Manager Thaxton stated the Emergency Response Plan was to be updated annually and reviewed annually by the State. The Town of Williamston lost electricity for approximately two hours recently. The Town has one altitude valve that is not functional at Northside Tank but can be shut off manually, and one altitude valve at the Kehukee Park that is functional but is bypassed at this time for safety reasons. The danger of the valves being always open on the tanks – if the Town of Williamston and Martin County were running off the big tank at MCRWASA, the other tanks could overflow if the valves do not operate appropriately. Project Manager Thaxton would be analyzing methods to improve the emergency response to get those two stations to a point where the water flow can start and stop and not over-pressurize the Town of Williamston and County systems. Project Manager Thaxton would be discussing with Water System Operator Barmer and Custom Controls to see what SUEZ could do to improve the emergency power outage in those two facilities. At worst case, the SUEZ could shut Peak Street off and isolate it completely and then only provide emergency power with a generator at Factory Street, which would keep the status quo, with the only problem being gas pumps. One option is to install solar panels with a battery pack to eliminate the use of the generator. Project Manager Thaxton would still be analyzing the amperage requirements for the solar panel option. Project Manager Thaxton was to produce a coordinated plan in September.

### **Monthly Report from SUEZ**

Project Manager Thaxton reported the following maintenance procedures:

- Completed flushing the Robersonville line to Bailey substation. This would allow the Town of Williamston water to be used in that area in case of emergency. One thing Project Manager Thaxton noticed was that the valves were still open and water was being lost. This water would be in the SUEZ flushing allotment, which would not be a cost to the Town of Williamston or Martin County.
- The annual maintenance cap was exceeded due to the excessive flushing, in addition to standard maintenance. Appropriate documentation was sent to Treasurer/Finance Director Ange for the remaining \$1,595.29 for payment.
- Project Manager Thaxton completed continuing education this month.
- The 811 line locates still show as a work order. The Town was to be trained on the 811 process equipment.
- Senior O & M Technician Eddie Bristow would be taking his well license exam next Tuesday.

**ADJOURNMENT**

With no further business to discuss, Chairman Bone adjourned the meeting around 4:00 p.m. The next regular MCRWASA Board of Directors meeting is scheduled for August 23, 2018.

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David Bone, MCRWASA Chairman

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Christina Craft, NCMCC  
MCRWASA Secretary